



FortiAP-S and FortiAP-W2 5.6.1 Release Notes

VERSION 5.6.1

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Change Log

Date	Change Description
October 3, 2017	Initial release.

Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 5.6.1 build 0291:

- [Supported models](#)
- [What's new in FortiAP-S and FortiAP-W2 5.6.1](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the [FortiWiFi and FortiAP Configuration Guide](#).

Supported models

FortiAP-S and FortiAP-W2 version 5.6.1 supports the following models:

FortiAP-S	FAP-S311C, FAP-S313C, FAP-S321C, FAP-S321CR, FAP-S322C, FAP-S322CR, FAP-S323C, FAP-S323CR, FAP-S421E, FAP-S422E, FAP-S423E
FortiAP-W2	FAP-421E, FAP-423E



FAP-421E and FAP-423E don't have UTM functionality.

What's new in FortiAP-S and FortiAP-W2 5.6.1

The following is a list of new features and enhancements in FortiAP-S and FortiAP-W2 version 5.6.1:

- FortiGate WiFi controller can record system event logs for admin login and logout activities on managed FortiAP-S and FortiAP-W2 units.
- Local-standalone SSID using WPA2-Enterprise and RADIUS authentication can support customization of RADIUS port number.
- The following region and country code adjustments have been made:
 - Grenada belongs to region "N".
 - Thailand belongs to region "V".
 - More 5GHz channels (36, 40, 44, and 52) become configurable in region "T".
- Enhancements of "Wave 2" FortiAP-S and FortiAP-W2 models:
 - Support 802.11a/b/g data rate and 802.11n/ac MCS index customization.

- FAP-421E-A, FAP-423E-A, FAP-S421E-A, FAP-S422E-A and FAP-S423E-A are certified for DFS channels.
- FAP-421E-T and FAP-423E-T are certified for DFS channels.
- More DFS channels (120, 124 and 128) become configurable in region "A" and "V".
- Support new region "C" for China and Pakistan.
- Support new region "D" for India and Nepal.
- Support new region "Y" for Egypt.

Upgrade Information

Upgrading from FortiAP-S and FortiAP-W2 version 5.6.0 or later

FortiAP-S and FortiAP-W2 5.6.1 supports upgrading from FortiAP-S and FortiAP-W2 5.6.0.

Downgrading to previous firmware versions

FortiAP-S and FortiAP-W2 5.6.1 supports downgrading to FortiAP-S and FortiAP-W2 5.6.0.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiAP-S and FortiAP-W2 5.6.1 support

The following table lists FortiAP-S and FortiAP-W2 version 5.6.1 product integration and support information.

FortiAP-S and FortiAP-W2 5.6.1 support

Web Browsers	<ul style="list-style-type: none">• Microsoft Internet Explorer version 11• Mozilla Firefox version 41• Google Chrome version 47• Safari version 8 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	5.6.1 and later

Resolved Issues

The following issues have been fixed in version 5.6.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
371591, 434163	SSID on FortiAP became stuck in INIT state and stopped working sometimes.
400441	"Wave 2" FAP/FAP-S models could not customize data rate and MCS index settings.
409741, 422620	Fixed a watchdog issue in "Wave 2" FortiAP-S and FortiAP-W2 platforms.
411649	In Mesh-Ethernet bridge set up, downlink traffic (from root AP to leaf AP) was blocked.
416536	Fixed client disconnection issue on local-bridging WPA2-Enterprise SSID when FortiGate has enabled HA "1+1" fast failover.
421923	With 6 Mbps and higher 802.11g data rates configured in SSID, FortiAP-S/FortiAP-W2 2.4GHz radio was transmitting beacon frames at 1 Mbps.
421928	With 802.11n-only, 802.11g-only or 802.11n,g-only configured, FortiAP-S/FortiAP-W2 2.4GHz radio was transmitting beacon frames at 1 Mbps.
437220, 442868	Fixed multiple issues in CMCC captive-portal authentication.
443153	FAP-S could not block clients from accessing Dynamic DNS.

Common vulnerabilities and exposures

FortiAP-S and FortiAP-W2 5.6.1 are no longer vulnerable to the following CVE Reference:

- CVE-2016-7406
- CVE-2016-7407
- CVE-2016-7408
- CVE-2016-7409
- CVE-2016-10229
- CVE-2017-13077
- CVE-2017-13078
- CVE-2017-13079
- CVE-2017-13080

- CVE-2017-13081
- CVE-2017-13082

Visit <https://fortiguard.com/psirt> for more information.

Known Issues

The following issues have been identified in version 5.6.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
276655	The USB port on all FortiAP-S models is disabled.
374645	FAP-S models do not support spectrum-analysis feature.



High Performance Network Security



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